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IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Original): A catalytic composition comprising a zeolite and an inorganic

binder, wherein the zeolite has a crystalline structure with openings consisting of 12

tetrahedra, and the binder is γ -alumina, said composition being characterized by a pore

volume, obtained by adding the mesoporosity and macroporosity fractions present in the

catalytic composition itself, greater than or equal to 0.7 cc/g, wherein at least 30% of said

volume consists of pores with a diameter greater than 100 nanometers.

Claim 2 (Original): The catalytic composition according to claim 1, having a

crushing strength equal to or higher than 1.7 kg/mm.

Claim 3 (Original): The catalytic composition according to claim 1, having an

apparent density not higher than 0.5 cc/g.

Claim 4 (Original): The catalytic composition according to claim 1, in the form of

particles having a diameter not lower than 1.8 mm.

Claim 5 (Original): The catalytic composition according to claim 4, in the form of

particles having a diameter not lower than 2.0 mm.

Claim 6 (Original): The catalytic composition according to claim 1, in the form of

cylindrical pellets.

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Claim 7 (Original): The catalytic composition according to claim 1, wherein the zeolite is selected from zeolite Y, beta zeolite and ZSM-12.

Claim 8 (Original): The catalytic composition according to claim 1, wherein the zeolite is in acidic form.

Claim 9 (Original): The catalytic composition according to claim 1, wherein the zeolite and the binder are in a weight ratio greater than 1:1 and lower than or equal to 4:1.

Claim 10 (Currently Amended): The catalytic composition of claim 1 according to one or more of the previous claims, wherein the zeolite is zeolite Y.

Claim 11 (Original): The catalytic composition according to claim 10, wherein the zeolite Y has a SiO_2/Al_2O_3 molar ratio ranging from 10 to 20.

Claim 12 (Original): The catalytic composition according to claim 11, wherein the zeolite Y has a $SiO_2/A1_2O_3$ molar ratio ranging from 11 to 17.

Claim 13 (Currently Amended): The catalytic composition of claim 10 according to claim 10, 11 or 12, wherein the zeolite Y is in acidic form.

Claim 14 (Currently Amended): A process for preparing the catalytic composition of claim 1 compositions according to one or more of claims 1 to 13, which comprises comprising:

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a) preparing a mixture including a zeolite in acidic form and a precursor of the binder selected from the group consisting of bohemite and pseudo-bohemite, by means of mechanic mixing of the components, using a high speed mixer, at a revolution speed of between 900 and 1100 rpm, for not less than 50 minutes;

- b) slowly adding to said mixture, under stirring, a solution at a concentration not higher than 0.5% by weight of an acid and demineralized water, in such a quantity as to have a final ratio between the acid weight and total weight of the mixture prepared in step a) of between 0.25 and 0.50%;
- c) submitting the mixture obtained in the previous step b) to an extrusion forming process;
- d) submitting the product obtained in step c) to drying in a ventilated oven, at a temperature not higher than 30°C, for not less than 48 hours; and
- e) submitting the product obtained in step d) to an air calcination process starting from room temperature up to temperatures not lower than 550°C and not higher than 600°C for an overall calcination time of not less than 30 hours.

Claim 15 (Original): The process according to claim 14, wherein, in step (b), the mixing to which the mixture is subjected during the addition of the acid, is effected at a rate ranging from 200 to 600 rpm.

Claim 16 (Currently Amended): The process according to claim 14, wherein, in step (b), the acid is selected from the group consisting of acetic acid, nitric acid and oxalic acid.

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Claim 17 (Original): The process according to claim 16, wherein the acid is acetic acid.

Claim 18 (Currently Amended): A process for the transalkylation of aromatic hydrocarbons which comprises comprising putting an aromatic hydrocarbon in contact with one or more polyalkylated aromatic hydrocarbons in the presence of a the catalytic composition according to one or more of claims 1 to 13 of claim 1, operating so that the reaction takes place at least partially in liquid phase.

Claim 19 (Original): The process according to claim 18, wherein the catalytic composition contains zeolite Y in acidic form.

Claim 20 (Original): The process according to claim 19, wherein the zeolite Y has a SiO₂/Al₂O₃ molar ratio ranging from 10 to 20.

Claim 21 (Currently Amended): The process according to claim 18, 19 or 20 of claim 18, carried out at a temperature ranging from 150 to 300°C, a pressure ranging from 20 to 50 atms and a WHSV ranging from 0.5 to 10 hours⁻¹.

Claim 22 (Currently Amended): The process according to claim 18, 19 or 20 of claim 18, wherein the molar ratio between the aromatic hydrocarbon and the sum of the polyalkylated aromatic hydrocarbons varies from 1 to 40.

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Claim 23 (Original): The process according to claim 22, wherein the molar ratio between the aromatic hydrocarbon and polyalkylated aromatic hydrocarbons varies from 3 to 30.

Claim 24 (Currently Amended): The process-according to claim 18, 19 or 20 of claim 18, wherein the aromatic hydrocarbon is benzene.

Claim 25 (Currently Amended): The process according to claim 18, 19 or 20 of claim 18, wherein the polyalkylated aromatic hydrocarbon is diethyl benzene, optionally mixed with triethyl benzene, or di-isopropyl benzene, optionally mixed with tri-isopropyl benzene.

Claim 26 (Currently Amended): The process according to claims 24 and of claim 25, wherein the aromatic hydrocarbon is benzene and the polyalkylated aromatic hydrocarbon is diethyl benzene and optionally triethyl benzene.

Claim 27 (Currently Amended): A process for preparing mono-alkylated aromatic hydrocarbons which comprises comprising:

- a) putting an aromatic hydrocarbon in contact, in the presence of an acidic catalyst, with a C_2 - C_4 olefin, under alkylation conditions which are such that the reaction takes place at least partially in liquid phase,
- b) separating the product obtained into a fraction containing an aromatic hydrocarbon, a fraction containing a mono-alkylated aromatic hydrocarbon, a fraction

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containing polyalkylated aromatic hydrocarbons, and a fraction of heavy aromatic

hydrocarbons, and

c) putting the fraction containing polyalkylated aromatic hydrocarbons in contact

with an aromatic hydrocarbon, in the presence of the catalyst according to one or more of

claims 1 to 13 of claim 1, under transalkylation conditions which are such that the reaction

takes place at least partially in liquid phase.

Claim 28 (Original): The process according to claim 27, wherein in step (c) the

catalytic composition contains zeolite Y in acidic form.

Claim 29 (Original): The process according to claim 28, wherein the zeolite Y has a

SiO₂/Al₂O₃ molar ratio ranging from 10 to 20.

Claim 30 (Currently Amended): The process according to claim 27, 28 or 29 of

claim 27, wherein in step (a) the acidic catalyst is a catalytic composition containing a

zeolite.

Claim 31 (Original): The process according to claim 30, wherein the zeolite is beta

zeolite.

Claim 32 (Currently Amended): The process according to claim 27, 28 or 29 of

claim 27, wherein in step (a) the olefin is ethylene or propylene.

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Claim 33 (Original): The process according to claim 32, wherein the olefin is ethylene.

Claim 34 (Currently Amended): The process according to claim 27, 28 or 29 of claim 27, wherein in step (a) the aromatic hydrocarbon is benzene.

Claim 35 (Currently Amended): The process according to claim 27, 28 or 29 of claim 27, wherein in step (a) the catalyst contains beta zeolite, the olefin is ethylene and the aromatic hydrocarbon is benzene.

Claim 36 (Currently Amended): The process according to claim 27, 28 or 29 of claim 27, wherein in step (b) the fraction of polyalkylated aromatic hydrocarbons prevalently contains dialkylated aromatic hydrocarbons.

Claim 37 (Currently Amended): The process according to claim 27, 28 or 29 of claim 27, wherein in step (a) the hydrocarbon is benzene and the olefin is ethylene, in step (b) the first fraction contains benzene, the second fraction contains ethyl benzene, the third fraction prevalently contains diethyl benzene and the last fraction consists of a mixture of heavy hydrocarbons having a boiling point equal to or higher than 260°C, and in step (c) the third fraction is put in contact with benzene.

Claim 38 (Original): The process according to claim 37, wherein the acidic catalyst in step (a) is beta zeolite.

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Claim 39 (Currently Amended): The process according to claim 27, 28, 29 or 37 of claim 27, wherein the fraction of polyalkylated products fed to step (c) contains a mixture of Flux oil.

Claim 40 (Currently Amended): The process according to claim 27, 28, 29 or 37 of claim 27, wherein the fraction of polyalkylated products fed to step (c) contains butyl benzenes in a quantity not higher than 2% by weight with respect to the total weight of the mixture fed.